

ABSTRACT

A suction ring providing an inferior engaging surface and a superior engaging surface that engages and grips the ocular globe, immobilizing the ocular globe relative to a corneal surgical procedure. The inferior engaging surface grips the sclera of the ocular 5 globe while the superior engaging surface grips the corneal region. The suction ring also provides an aperture sized to receive and expose the cornea for a surgical procedure.

The suction ring has a non-circular gripping structure to provide a closer fit to abnormally shaped ocular globes and corneas. The aperture is non-circular to enable the surgeon to obtain a non-circular corneal disk during a lamellar keratotomy procedure.